



Permit to Construct or Modify an Air Contaminant Source Issued Pursuant to Tennessee Air Quality Act

Date Issued: March 16, 2015

Permit Number:
969678P

Date Expires: March 15, 2016

Issued To:
Cumberland Products Group, LLC

Installation Address:
1499 R.W. Moore Memorial Highway
Only

Installation Description:
Wood Floor Manufacturing Facility:
Source 01: Surface Coating Operation
Source 02: Woodworking Operation

Emission Source Reference No.
41-0090
Conditional Major Source

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit was received on December 15, 2014 and is signed by Don Finkell, Responsible Official for the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(conditions continued on next page)

TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

POST AT INSTALLATION ADDRESS

GENERAL CONDITIONS.

2. The source(s) controlled by the air pollution control device(s) shall not operate unless the control device(s) is in operation. In the event a malfunction/failure of a control device(s) occurs, the operation of the process(es) controlled by the control device(s) shall be regulated by the provisions of Chapter 1200-03-20 of the Tennessee Air Pollution Control Regulations.
3. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)
4. Routine maintenance, as required to maintain specified emission limits, shall be performed on the air pollution control devices. Maintenance records shall be recorded in a suitable permanent form and kept available for inspection by the Division. These records must be retained for a period of not less than five (5) years.
5. Regarding recordkeeping of logs, the following is applicable:
 - a. For sources required to maintain monthly logs:
All data, including all required calculations, must be entered in the log no later than 30 days from the end of the month for which the data is required.
 - b. For sources required to maintain weekly logs:
All data, including all required calculations, must be entered in the log no later than 7 days from the end of the week for which the data is required.
 - c. For sources required to maintain daily logs:
All data, including all required calculations, must be entered in the log no later than 7 days from the end of the day for which the data is required.

Logs and records specified in this permit shall be made available upon request by the Technical Secretary or his representative shall be retained for a period of not less than two years unless otherwise noted. Logs and records contained in this permit may be based on a recommend format. Any logs that have an alternative format may be utilized provided such logs contain the same information that is required. Computer generated logs are also acceptable.

TAPCR 1200-03-10-.02(2)(a)
6. This permit supersedes any previous permit issued for this facility. TAPCR 1200-03-09-.01(1)(d)
7. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards.

8. This permit shall serve as a temporary operating permit from the date of issuance to the receipt of a standard operating permit (regardless of the expiration date), provided that an application for an operating permit is submitted to the Division at least sixty (60) days prior to the expiration of this permit and that the conditions of this permit and any applicable emission standards are met.

TAPCR 1200-03-09-.02(1),(2) and(3)

41-0090-01 **Surface Coating Operation** The surface coating operation consists of gluing, heating and pressing to prepare floor board for sawing, milling and sanding prior to multiple applications and curing of stains and sealers. Includes high velocity air ovens and UV cure ovens all exhausting by 11 stacks.

9. Volatile organic compounds (VOCs) emitted from this source shall not exceed 11.93 tons during any period of twelve consecutive months. This emission limitation is established pursuant to TAPCR 1200-03-07-.07(2) and the information contained in the application dated December 15, 2014, from the permittee.

Compliance Method: Compliance with this emission limitation shall be assured through recordkeeping of material usage rates. Volatile organic compounds and HAP emissions from this source shall be calculated and maintained by keeping the following. The logs must be retained for a period of not less than five years.

MONTHLY EMISSIONS LOG FOR SOURCES 41-0090-01

MONTH/YEAR:

MATERIAL NAME	USAGE (gallons per month (gpm))	VOC CONTENT (pounds VOC per gallon)	VOC EMISSIONS (tons VOC per month)	HAP ₁ CONTENT (pounds HAP ₁ per gallon)	HAP ₁ EMISSIONS (tons HAP ₁ per month)	HAP _p CONTENT (pounds HAP _p per gallon)	HAP _p EMISSIONS (tons HAP _p per month)	TOTAL HAP EMISSIONS (tons HAP ₁ through HAP _p per month)
Finishing								
Clean-up								

Note: p = 1, 2, 3,..... n = the number of different hazardous air pollutants. Use columns as required for the number of different hazardous air pollutants. Finishing materials are stains, washcoats, sealers, topcoats, basecoats, enamels, thinners or other coatings.

12-Months EMISSIONS LOG FOR SOURCES 41-0090-01

PRODUCTION MONTH/YEAR	ACTUAL VOC EMISSIONS (tons VOC per month)	(*)VOC EMISSIONS (tons VOC per 12 months)	(*)TOTAL HAP EMISSIONS (tons HAP ₁ through HAP _p)

(*)The Tons per 12 Month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed. If data is not available for the 11 months preceding the initial use of this log, this value will be equal to the value for tons per production month. For the second month it will be the sum of the first month and the second month. Indicate in parentheses the number of months summed, that is, 6 (2) represents 6 tons emitted in 2 months.

10. The as-supplied VOC and HAP content of all VOC and HAP containing materials to be used by this new source shall be determined as follows:

All Coatings, Inks, Adhesives, Thinners, and Solvents - from Material Safety Data Sheets (MSDS) or manufacturer or vendor formulation data which explicitly list the VOC and HAP content by weight.

The results of these determinations shall be compiled in the following tabular format or an alternative format which readily provides the same required information. This table, along with MSDS or other supporting documentation for each material to be used, shall be maintained at the source location and made available for inspection by the Technical Secretary or his representative, beginning within 30 days of permit issuance. If new materials are used, or if material formulation is changed, the table shall be updated within 30 days from the initial date of usage of the new or altered material.

Process Material Description	Material Density (lb/gal)	VOC Content (lb/gal)	HAP ₁ Content (pounds HAP ₁ per gallon)	HAP _p Content (pounds HAP _p per gallon)	Date of Initial Usage
Material #1					
Material #2					
Etc.					

Note: p = 1, 2, 3,..... n = the number of different hazardous air pollutants. Use columns as required for the number of different hazardous air pollutants.

1200-03-10-.02(2)(a)

41-0090-02 Woodworking Operation Consisting of sawing, milling and sanding .

11. Particulate matter emitted from this source shall not exceed 20.0 pounds per hour. This emission limitation is based on the agreement letter dated March 4, 2015 from the permittee. TAPCR 1200-03-07-.01(5).
12. Visible emissions from this source (41-0090-02) shall not exhibit greater than ten percent (10%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). This limitation is established pursuant to TAPCR 1200-03-05-.01(3) and the information contained in the agreement letter dated March 4, 2015, from the permittee.

End of Conditions
